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4/8/03



Atty Docket No. 080398.P282

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Examiner: Fleurantin, Jean B.  
Alexander Franz et al. )  
Serial No. 09/420,509 )  
Filed: October 18, 1999 )  
For: SYSTEM AND METHOD TO )  
MATCH LINGUISTIC )  
STRUCTURES USING )  
THESAURUS INFORMATION )

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APR 04 2003

Technology Center 2100

Assistant Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO OFFICE ACTION

In the Claims

1. (Currently Amended) A method for evaluating similarity among a plurality of data structures comprising:

analyzing each structure of said plurality of data structures to generate at least one substructure;

matching said at least one substructure to a database having a plurality of entries to obtain at least one matching entry, said database encoding relationships between semantic concepts represented by said plurality of entries; and

generating a match value using a relative entropy value corresponding to said at least one matching entry, said relative entropy value being calculated relative to an entropy value of a root entry of said plurality of entries.